

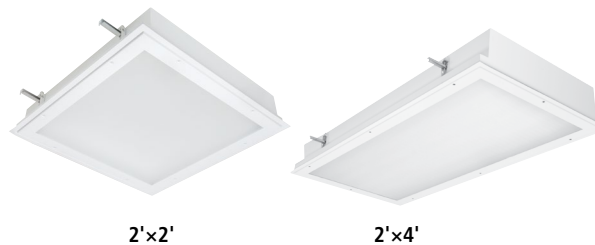
SIMPLESEAL™

Continuous Environmental Disinfection System

CSEDIC SERIES – White and Disinfection LED

PRODUCT FEATURES:

- » High-output, high-CRI LED lamp sources for accurate color rendition and lighting performance
- » Diffused high-efficiency lens for reduced glare
- » Suitable for universal installation into recessed 1.0" and 1.5" grid or flange (drywall) ceilings
- » One piece inset doorframe, secured to housing with aircraft cables.
- » Two selectable Modes:
 - White selectable LED with low-level 405 nanometer disinfection
 - High-level 405 nanometer disinfection only



SPECIFICATIONS

HOUSING: 20-gauge CRS. Hole-free, one-piece, seam-welded construction. Integral aluminum heat sink for thermal dissipation. 18-gauge housing flange with mitered and welded corners. White TGIC polyester powder coat finish – 5-step pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%.

DOORFRAME: 18-gauge CRS. One-piece inset-style construction with welded corners. Gloss white TGIC polyester powder coat finish with 5-stage pre-treatment. Doorframe secured to housing with stainless steel aircraft cables and captive, flush-mounted Phillips-head fasteners. Closed-cell silicone gasket seals doorframe to housing.

OPTICS: Symmetric optic includes diffused, impact-resistant acrylic lens.

ELECTRICAL: Replaceable composite-bodied mid-power LED array. Available 4000K and 5000K color temperatures with maximum 3-step MacAdam variation allowance. Minimum 80 CRI standard with optional minimum 90 CRI available. 120/277VAC, 50/60Hz electrical input with replaceable high power factor electronic, constant-current driver (<10% THD, >0.90 PF). Minimum 85% driver efficiency. Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities. 800 µA maximum source current. Mode selection via low-voltage (>5VDC) rated momentary-close switch (Indigo Mode/White Mode/Off); controlled via internal LVC controller. Contact factory for dimming options. EMC meets or exceeds FCC CFR Part 15. Integral, Resettable hour- meter for 405nm circuit.

INSTALLATION: Non-IC recessed ceiling mounting into grid and flange application types. Flange installation utilizes included adjustable swing-out mounting brackets. Grid installation suitable for 1" and 1.5" T-bar ceilings. Universal installation into grid or flange (drywall) ceiling applications. See Options for continuous row mounting and install frames.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard. For additional photometric data, please contact cyahnke@kenall.com.

WARRANTY: Limited five (5) year warranty.

LISTINGS: Luminaire is certified to UL standards by Intertek Testing Laboratories for Wet Location. Certified IP65 per IEC 60598. NSF2 Splash/Non-Food Zone. CCEA Approved. Meets K230 Leakage Standard for luminaire leakage in pressurized environments and FED-STD-209E/Class 100 (ISO 5) Cleanrooms. EPA Est. No. 99283-WI-1.



ORDERING INFORMATION (Ex: CSEDIC-24-200I/67LMWH-DCC-277-2F-2H-SYM)

Model	Size	Lamp Type	Driver	Voltage	Doorframe	Housing	Optics	Options
CSEDIC			DCC	DV			SYM	
Size		Lamp Type			Doorframe Options			Options
22	2'x2'	2'x2'			5F 20-Ga Type 304 SS Brushed			LEL † Emergency Battery Pack
24	2'x4'	100I/45LMWM 100W Indigo/45W White 4000K LED (82 CRI)			2F 18-Ga CRS (STD)			AMF Antimicrobial Finish
		100I/45LMWH 100W Indigo/45W White 5000K LED (82 CRI)			AF Anodized Aluminum			FS Fuse & Holder
					PAF Painted Fabricated Aluminum			HJ Sealed Wireway
		2'x4'			Housing Options			IF † Install Frame
		200I/67LMWM 200W Indigo/67W White 4000K LED (82 CRI)			2H 20-Ga CRS (STD)			RF • Radio Frequency Filter
		200I/67LMWH 200W Indigo/67W White 5000K LED (82 CRI)			5H 20-Ga Type 304 SS			RM † Continuous Row Mounting
					PAH .050" Painted Aluminum			
		Driver Type			Optics			
		DCC Dimming Constant Current			SYM Symmetric, Diffused DR Acrylic			
		Voltage						
		120 120VAC						* Add .375" to ceiling cut out dimensions
		277 277VAC						† Only available when installed in drywall ceilings (flange mount)
								• Voltage specific selection required
								‡ Height of fixture is 8.75" with LEL Option



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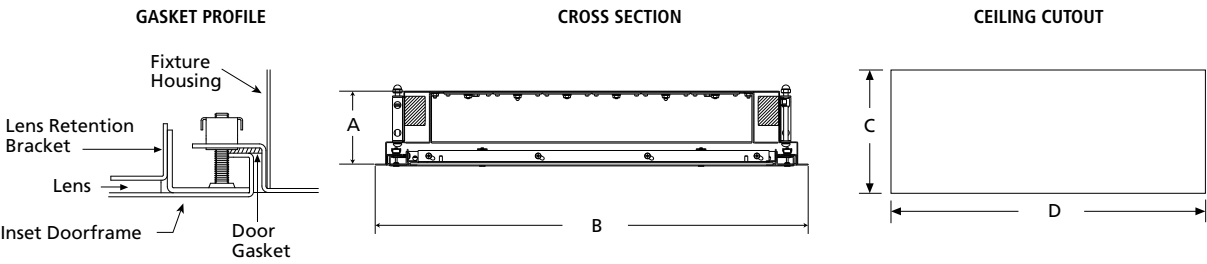
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CSEDIC-010521

SIMPLESEAL™

CSEDIC SERIES – TECHNICAL DATA

DIMENSIONAL DATA



DIMENSIONAL DATA (IN INCHES)				
	A	B	C	D
1x4	4.20	11.75 × 47.75	10.85	46.85
2x2	4.20	23.75 × 23.75	22.85	22.85
2x4	4.20	23.75 × 47.75	22.85	46.85
* Add .375" to ceiling cut out dimensions when IF Option is specified				
** Height is 8.75" with LEL option				